

BARNES & THORNBURG

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group 335 (Our Case) 3220-18158
Applicant: Richard B. Borgens et al.
Invention: METHOD AND APPARATUS FOR
REGENERATING NERVES
Serial No: 258,142
Filed: October 14, 1988
Examiner: G. Manuel

Certificate Under 37 CFR 1.8(a)

I hereby certify that this correspondence is
being deposited with the United States Postal
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Trademarks, Washington, D.C. 20231

on October 20, 1989

Nolan A. Palle
Attorney 31160

Dated: 10/20/89

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AMENDMENT

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

In response to the Official Action mailed April 21, 1989,
please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claims 2, 3, 5, 8, 11, 14 and 18-20, without
prejudice.

Please amend claims 1, 4, 6, 7, 9, 12, 13 and 15-17 as
follows:

1. ~~Amended~~ A method for stimulating nerves in the central
nervous system of a mammal to regenerate within the central
nervous system comprising the step of applying an oscillating
electrical field to the spinal cord wherein the electrical
field's polarity reversal period is less than about sixty
minutes which is less than a die back period of anodally facing
axons in the central nervous system and more than about thirty
seconds which is long enough to stimulate growth of cathodally
facing axons in the central nervous system.

CLAIMS
2-5

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